

## PROCESSOR-BASED POSITIONING SYSTEM

### Abstract of the Disclosure

A facility such as a retail facility may include a plurality of wireless identifier tags distributed about the facility. An article associated with a user such as a retail customer may include a detector that detects one or more of those tags when the user is proximate to a tag. For example, a plurality of detectors may be placed on a shopping cart in a retail application. Based on the detection of information associated with each tag, the real time position of the user may be determined in the facility.